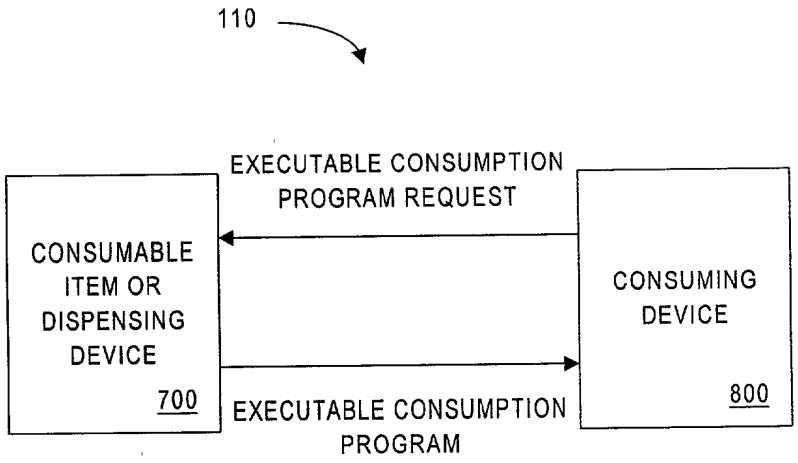
110
EXECUTABLE CONSUMPTION PROGRAM REQUEST
CONSUMABLE ITEM OR DISPENSING DEVICE
700
CONSUMING DEVICE
800
EXECUTABLE CONSUMPTION PROGRAM

FIG. 1

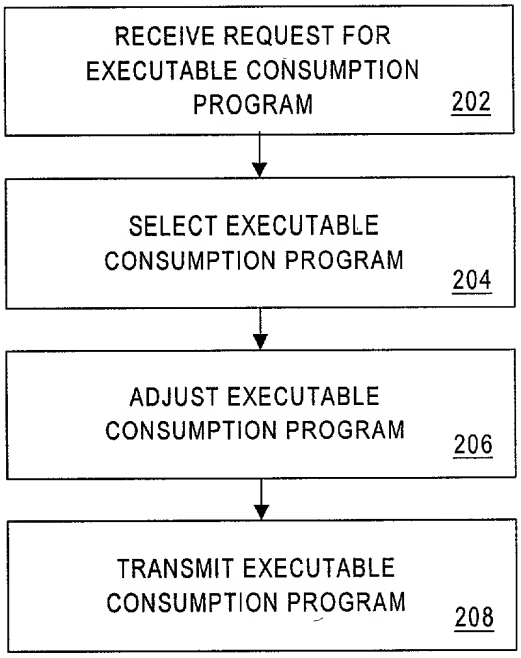
RECEIVE REQUEST FOR EXECUTABLE CONSUMPTION PROGRAM
202
SELECT EXECUTABLE CONSUMPTION PROGRAM
204
ADJUST EXECUTABLE CONSUMPTION PROGRAM
206
TRANSMIT EXECUTABLE CONSUMPTION PROGRAM
208

FIG. 2

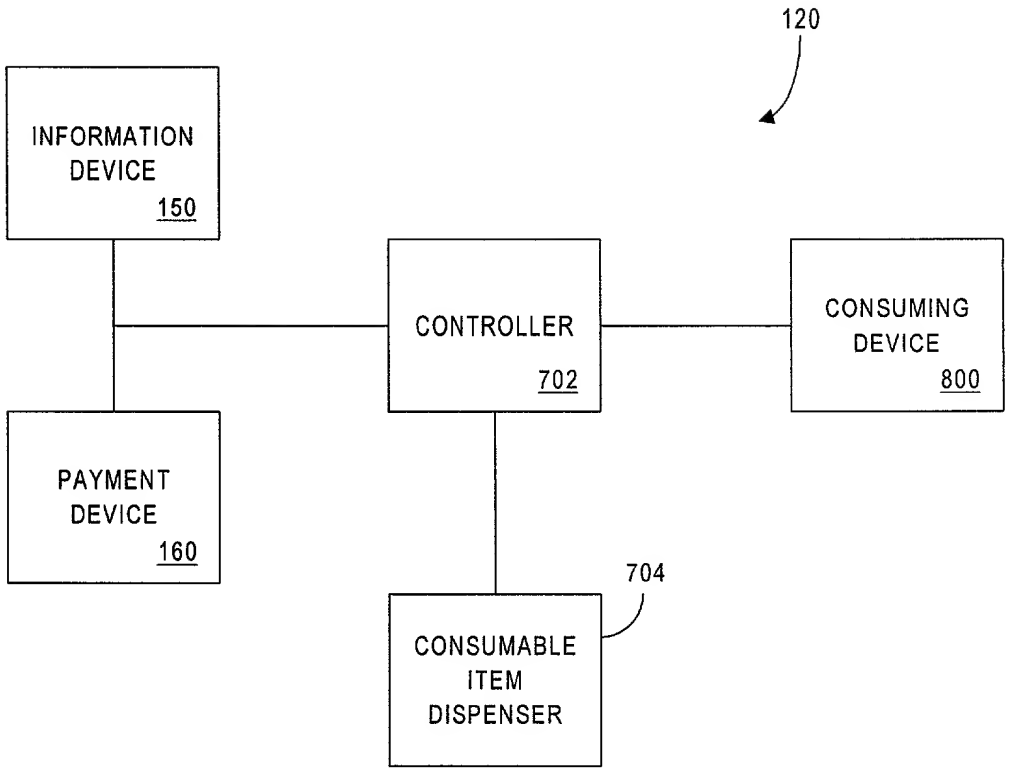
120
INFORMATION DEVICE
150
CONTROLLER
702
CONSUMING DEVICE
800
PAYMENT DEVICE
160
704
CONSUMABLE ITEM DISPENSER

FIG. 3

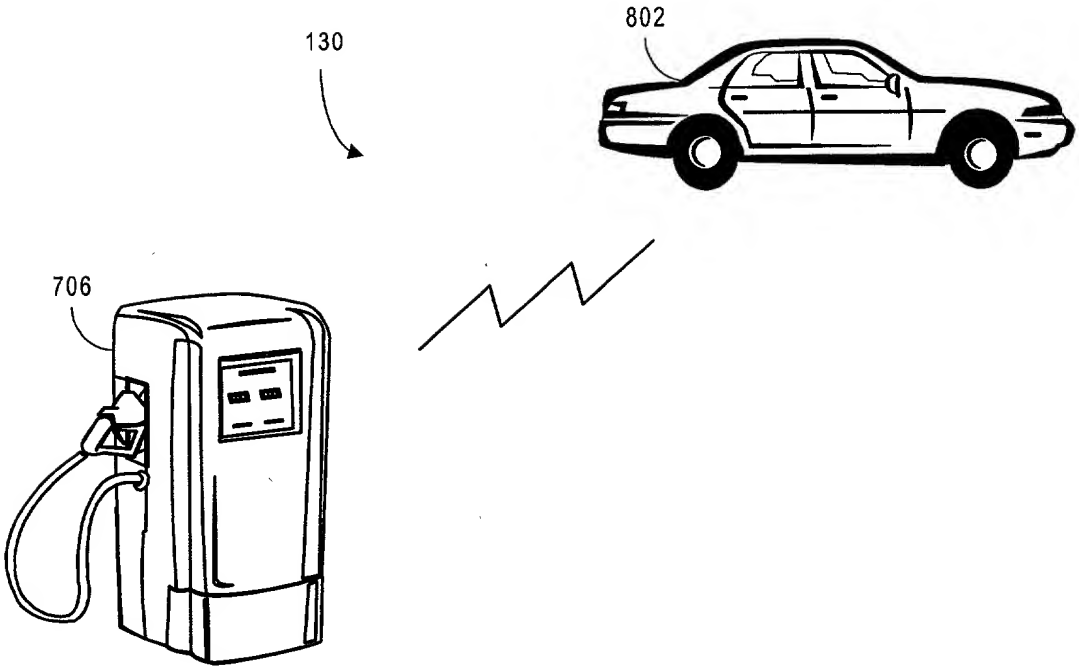

FIG. 4

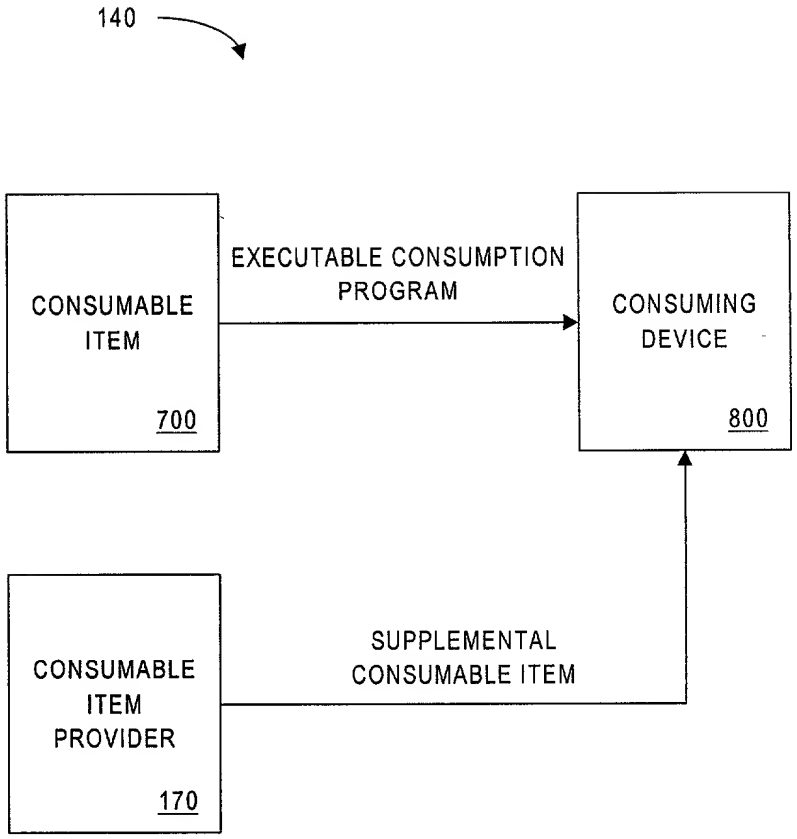
140
CONSUMABLE ITEM
700
EXECUTABLE CONSUMPTION PROGRAM
CONSUMING DEVICE
800
CONSUMABLE ITEM PROVIDER
170
SUPPLEMENTAL CONSUMABLE ITEM

FIG. 5

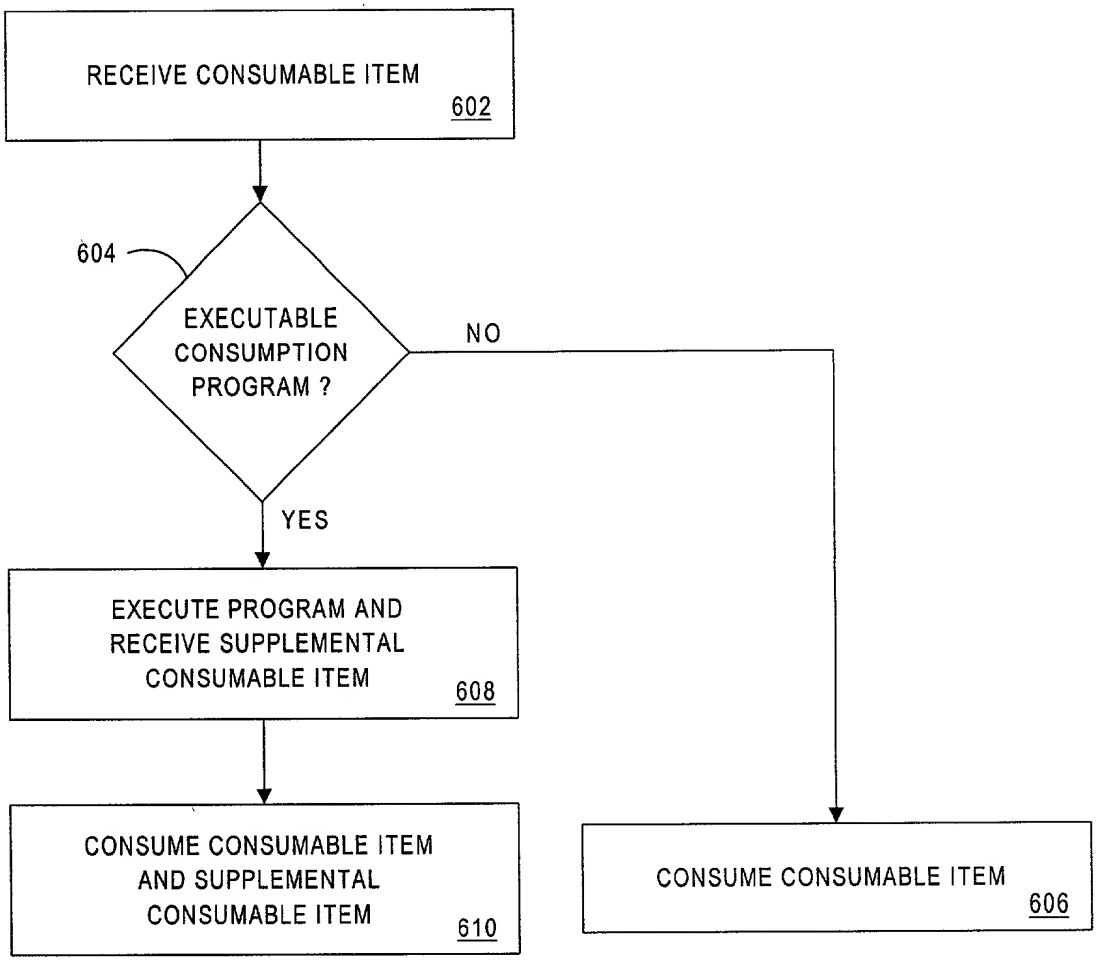
RECEIVE CONSUMABLE ITEM
602
604
EXECUTABLE CONSUMPTION PROGRAM ?
NO
YES
EXECUTE PROGRAM AND RECEIVE SUPPLEMENTAL CONSUMABLE ITEM
608
CONSUME CONSUMABLE ITEM AND SUPPLEMENTAL CONSUMABLE ITEM
610
CONSUME CONSUMABLE ITEM
606

FIG. 6

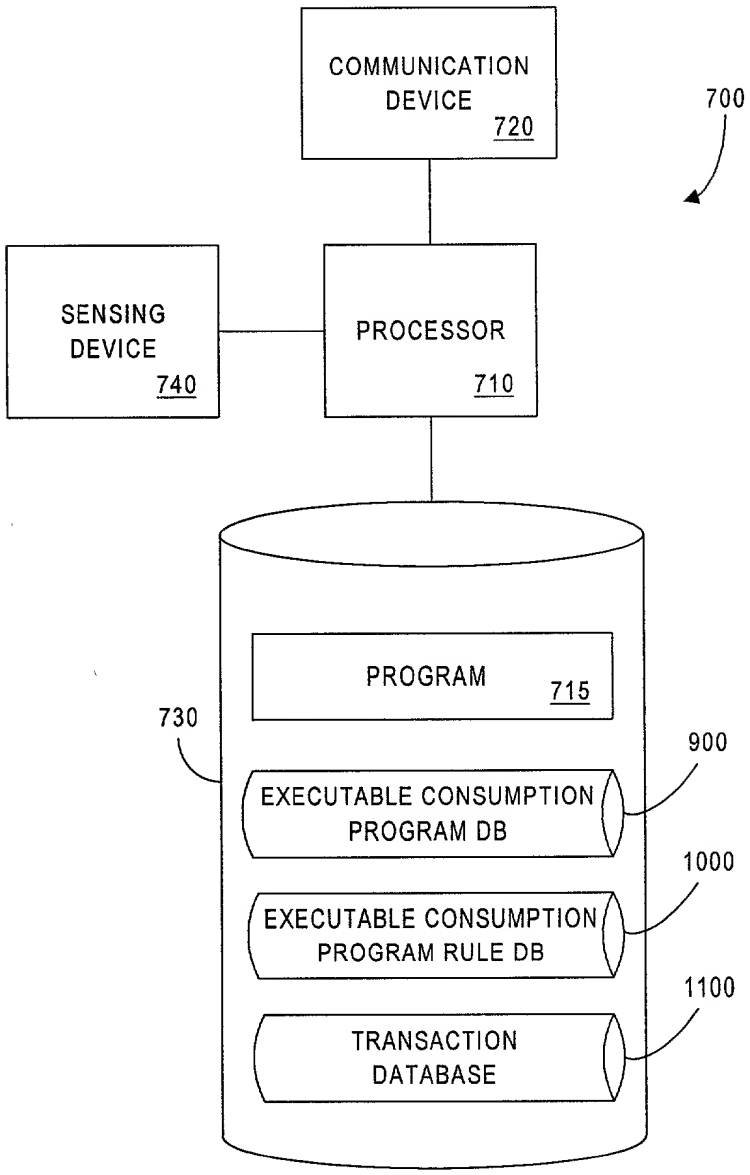
COMMUNICATION DEVICE
720
700
SENSING DEVICE
740
PROCESSOR
710
PROGRAM
715
730
900
EXECUTABLE CONSUMPTION PROGRAM DB
1000
EXECUTABLE CONSUMPTION PROGRAM RULE DB
1100
TRANSACTION DATABASE

FIG. 7

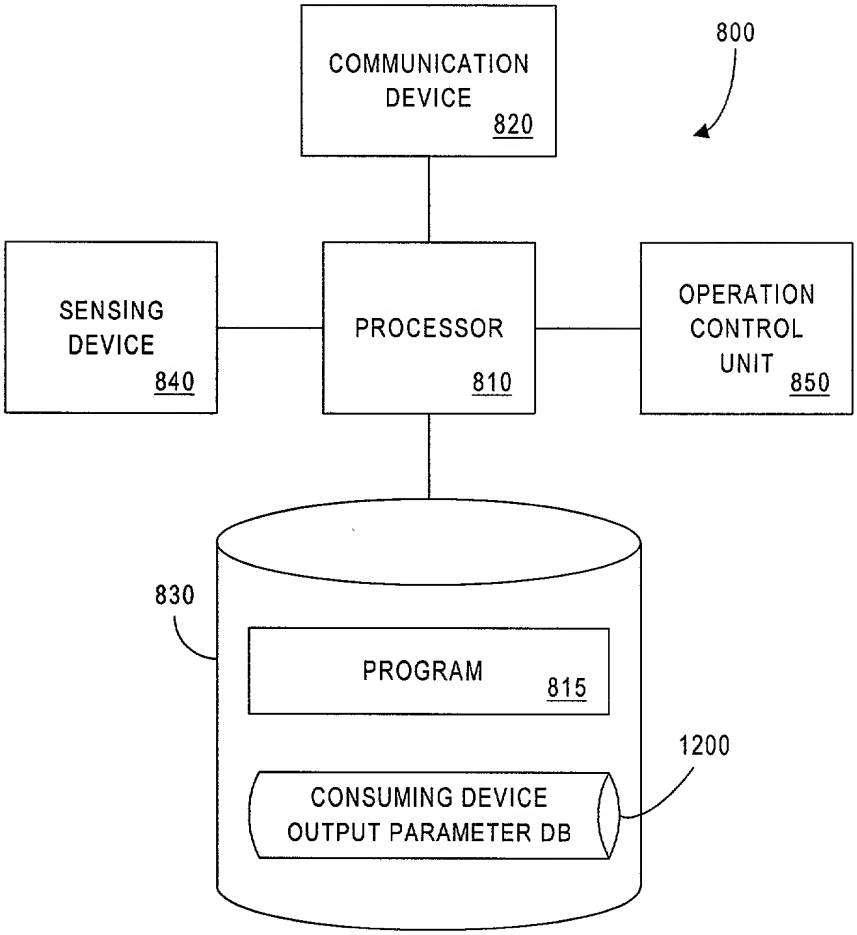
COMMUNICATION DEVICE
820
800
SENSING DEVICE
840
PROCESSOR
810
OPERATION CONTROL UNIT
850
830
PROGRAM
815
1200
CONSUMING DEVICE OUTPUT PARAMETER DB

FIG. 8

900

PROGRAM IDENTIFIER 902	DESCRIPTION 904	FILE 906
ECP-1001	EMISSION CONTROL DRIVER V1.4.1	ECD141.EXE
ECP-1002	EMISSION CONTROL DRIVER V1.5	ECD150.EXE
ECP-1003	TRANSMISSION CONTROL PROGRAM	WWW.FORD.ORG/ TCP1001
ECP-1004	FUEL INJECTION SOFTWARE	FIS1001.EXE

FIG. 9

1000

RULE IDENTIFIER 1002	CONDITION 1004	ACTION 1006
DR-1001	CO-1003 < ECD1.5	OFFER TO INSTALL ECP-1002
DR-1002	DI-1004 = 93	SELECT ECP-1004
DR-1003	DI-1002 > 200° C	ADJUST ECP-1003

FIG. 10

1100

TRANSACTION IDENTIFIER: T10001		1102
CONSUMING DEVICE IDENTIFIER: CD1001		1104
PAYMENT IDENTIFIER: 1111-2222-3333-4444		1106
DATE AND TIME: 07-04-03 AT 11:45 AM		1108
TRANSACTION TOTAL: $23.50		1110
TRANSACTION STATUS: COMPLETE		1112
ITEM IDENTIFIER 1114	DESCRIPTION 1116	COST 1118
F-1001	89 (10 GALLONS)	$21.00
ECP-1002	ECD150.EXE INSTALLED	$2.50

FIG. 11

1200

PARAMETER IDENTIFIER 1202	DESCRIPTION 1204	CURRENT VALUE 1206
CO-1001	VEHICLE IDENTIFIER	FORD-1001
CO-1002	ENGINE TEMPERATURE	155° C
CO-1003	EMISSIONS CONTROL DRIVER VERSION	ECD1.4.1
CO-1004	PREFERRED OCTANE RATING	89

FIG. 12